



Form PTO-1449 Modified		Docket No. ISIS-4313	Serial No. 09/479,783
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		Applicant Stanley T. Crooke	
U.S. Department of Commerce Patent and Trademark Office		Filing Date January 7, 2000	Group 1635 Not Yet Assigned

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* M	AA	Ausubel et al. (eds.), <i>Current Protocols in Molecular Biology</i> , 1988, Wiley & Sons, New York
*	AB	Oligonucleotide Synthesis, A Practical Approach, M.J. Gait, Ed., IRL Press, 1984
*	AC	Oligonucleotide and Analogs, A Practical Approach, F. Eckstein, Ed., IRL Press, 1991, Chapters 1-7
	AD	Beaucage S. et al., "Advances in the synthesis of oligonucleotides by the phosphoramidite approach", <i>Tetrahedron Letters</i> , 1992, 48, 2223-2311
	AE	Beaucage S. et al., "The synthesis of modified oligonucleotides by the phosphoramidite approach and their applications", <i>Tetrahedron</i> , 1993, 49, 6123-6194
	AF	Bhat et al., "A Simple and Convenient Method for the Selective N-Acylations of Cytosine Nucleosides", <i>Nucleosides and Nucleotides</i> , 1989, 8, 179-183
	AG	Concise Encyclopedia of Polymer Science and Engineering, pgs. 858-859, Kroschwitz, J.I., Ed., John Wiley & Sons, 1990
	AH	Crooke, S.T. et al., "Progress in Antisense Oligonucleotide Therapeutics", <i>Annu. Rev. Pharmacol. Toxicol.</i> , 1996, 36, 107-129
	AI	Crooke et al., "Kinetic characteristics of Escherichia coli RNase H1: cleavage of various antisense oligonucleotide-RNA duplexes", <i>Biochem. J.</i> , 1995, 312, 599-608
↓	AJ	Dagle et al., "Targeted degradation of mRNA in <i>Xenopus</i> oocytes and embryos directed by modified oligonucleotides: studies of An2 and cyclin in embryogenesis", <i>Nucleic Acids Research</i> , 1990, 18, 4751-4757
W	AK	Dagle et al., "Pathways of Degradation and Mechanism of Action of Antisense Oligonucleotides in <i>Xenopus laevis</i> Embryos", <i>Antisense Res. And Dev.</i> , 1991, 1, 11-20

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* A copy of this reference will not be forwarded to the Patent Office since it is believed to be too voluminous to send and easily obtainable by the Examiner.

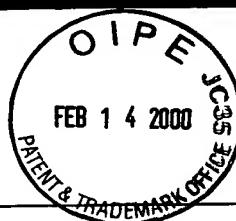


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V	AM	De Mesmeker, et al., "Antisense Oligonucleotides", <i>Acc. Chem. Res.</i> , 1995 , 28, 366-374	
	AN	Englisch, U. et al., "Chemically Modified Oligonucleotides as Probes and Inhibitors", <i>Angewandt Chemie, International Edition Engl.</i> , 1991 , 30, 613-629	
	AO	Haeuptle et al., "Translation arrest by oligonucleotides complementary to mRNA coding sequences yields polypeptides of predetermined length", <i>Nucleic Acids Res.</i> , 1986 , 14, 1427-1448	
	AP	Eder, P.S. et al., "Ribonuclease H from K562 Human Erythroleukemia Cells", <i>J. Biol. Chem.</i> , 1991 , 266, 6472-6479	
	AQ	Goodchild et al., "Conjugates of Oligonucleotides and Modified Oligonucleotides: A Review of their Synthesis and Properties", <i>Bioconjugate Chem.</i> , 1990 , 1(3), 165-187	
	AR	Kawasaki et al., "Uniformly Modified 2'-Deoxy-2'-fluoro Phosphorothioate Oligonucleotides as Nuclease-Resistant Antisense Compounds with High Affinity and Specificity for RNA Targets", <i>J. Med. Chem.</i> , 1993 , 36, 831-841	
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	AT	Lengyel, <i>J. Enzym. Res.</i> , 1987 , 7, 511-519	
V	AU	Martin, "Ein neuer Zugang zu 2'-O-Alkyribonucleosiden und Eigenschaften deren Oligonucleotide", <i>Helv. Chim. Acta.</i> , 1995 , 78, 486-504	
V	AV	Menelev et al., <i>Bioorg. & Med. Chem. Lett.</i> , 1994 , 4(24), 2929-2934	
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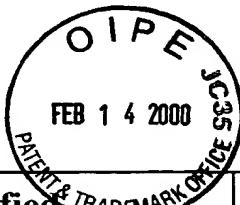
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	AY	Monia et al., "Evaluation of 2'-Modified Oligonucleotides Containing 2'-Deoxy Gaps as Antisense Inhibitors of Gene Expression", <i>J. Biol. Chem.</i> , 1993 , 268, 14514-14522	
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	BQ	Branch, A., "A Good Antisense is Hard to Find," <i>TIBS</i> , 1998 , 23, 45-50		
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<i>M</i>	BS	Bunemann, H., "Immobilization of denatured DNA to macroporous supports: II. Steric and kinetic parameters of heterogeneous hybridization reactions", <i>Nucleic Acids Res.</i> , 1982 , 10, 7181-7196		
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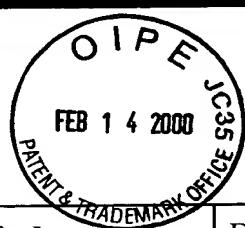
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	BV	Dake et al., "Purification and Properties of the Major Nuclease from Mitochondria of <i>Saccharomyces cerevisiae</i> ", <i>J. Biol. Chem.</i> , 1988 , 263, 7691-7702		
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	BY	Duncan et al., "Affinity Chromatography of a Sequence-Specific DNA Binding Protein Using Teflon-Linked Oligonucleotides", <i>Anal. Biochem.</i> , 1988 , 169, 104-108		
	BZ	Dunn, J.J. et al., "Effect of RNAase III Cleavage on Translation of Bacteriophage T7 Messenger RNAs", <i>J. Mol. Biol.</i> , 1975 , 99, 487-499		
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	CF	Gabrielsen et al., "Magnetic DNA affinity purification of yeast transcription factor τ -a new purification principle for the ultrarapid isolation of near homogeneous factor", <i>Nucleic Acids Research</i> , 1989 , 17, 6253-6267		
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	CK	Goldkorn, T. et al., "A simple and efficient enzymatic method for covalent attachment of DNA to cellulose. Application for hybridization-restriction analysis and for <i>in vitro</i> synthesis of DNA probes", <i>Nucleic Acids Res.</i> , 1986 , 14, 9171-9191		
	CL	Goss, T.A. et al., "High-performance affinity chromatography of DNA", <i>J. Chromatogr.</i> , 1990 , 508, 279-287		
✓	CM	Guo, et al., "Direct fluorescence analysis of genetic polymorphisms by hybridization with oligonucleotide arrays on glass supports", <i>Nucl. Acids Res.</i> , 1994 , 22, 5456-5465		
✓	CN	Hyrup, B. et al., "Peptide Nucleic Acids (PNA): Synthesis, Properties and Potential Applications", <i>Bioorganic & Med. Chem.</i> , 1996 , 4, 5-23		
M	CO	Kadonaga, J.T. et al., "Affinity purification of sequence-specific DNA binding proteins", <i>Proc. Natl. Acad. Sci. USA</i> , 1986 , 83, 5889-5893		
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	CQ	Kasher et al., "Rapid Enrichment of HeLa Trancrption Factors IIIB and IIIC by Using Affinity Chromatography Based on Avidin-Biotin Interactions", <i>Mol. Cell. Biol.</i> , 1986 , 6, 3117-3127		
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	CT	Knecht, D., "Application of Antisense RNA to the Study of the Cytoskeleton: Background, Principles, and a Summary of Results Obtained with Myosin Heavy Chain", <i>Cell Motil. Cytoskel.</i> , 1989 , 14, 92-102		
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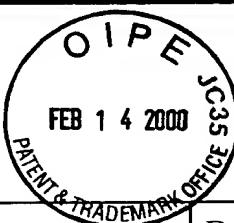
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	DH	Nellen, W.C., "What makes an mRNA anti-sense-itive?", <i>Curr. Opin. Cell. Biol.</i> , 1993 , 18, 419-424
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\	DM	Ohtsuki, et al., "Isolation and purification of double-stranded ribonuclease from calf thymus", <i>J. Biol. Chem.</i> , 1977 , 252, 483-491
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\	DT	Seliger, H. et al., "Trager-Oigonucleotidsynthese an unvernetzten Copolymeren aus Vinylalkohol und N-Vinylpyrrolidon", <i>Die Makromolekulare Chemie</i> , 1975 , 176, 609-627
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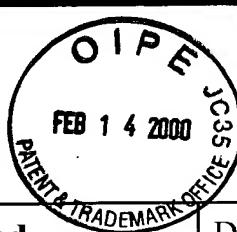
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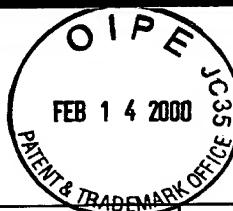
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<i>M</i>	EH	Yashima et al., "High-performance affinity chromatography of oligonucleotides on nucleic acid analogue immobilized silica gel columns", <i>J. Chromatog.</i> , 1992 , <i>603</i> , 111-119	
<i>↓</i>	EI	Yasuda et al., "Purification and characterization of a ribonuclease from human spleen", <i>Eur. J. Biochem.</i> , 1990 , <i>191</i> , 523-529	
<i>↓</i>	EJ	Zarytova et al., "Affinity Chromatography of DNA Fragments and P-Modified Oligonucleotides", <i>Analyt. Biochem.</i> , 1990 , <i>188</i> , 214-218	
<i>↑</i>	EK	Zuckermann et al., "Efficient methods for attachment of thiol specific probes to the 3'-ends of synthetic oligodeoxyribonucleotides", <i>Nucleic Acids Research</i> , 1987 , <i>15</i> , 5305-5321	
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	EM	5,013,830	05/07/91	Ohtsuka et al.	536	27
	EN	5,023,243	06/11/91	Tullis	514	44
	EO	5,142,047	08/25/92	Tullis	514	44
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	EU	WO 92/22651	12/23/92	PCT	XX	
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	FK	339,842	11/02/89	EPO	XX
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	FM	WO 92/07065	04/30/92	PCT	XX

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V	FT	5,506,337	04/09/96	Summerton et al.	528	391
	FU	5,403,711	04/04/95	Walder et al.	435	6
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<i>W</i>	GF	5,962,425	10/05/99	Walder et al.	514	44

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					YES	NO
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	AH					
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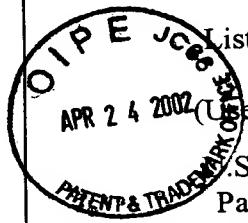
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	AL					
	AM					
	AN					
	AO					

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Stanley T. Crooke

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	AJ	Rottman, F. et al., "Polymers Containing 2'-O-Methylnucleotides. II. Synthesis of Heteropolymers," <i>Biochem</i> , 1969, 8(11), 4354-4361
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